<del>-</del> -
----------------

6	date: 10/06/2	2006	1			J		
	(to be used for all	SMITTAL FO	ORM er initial filing)	Application No.  Filing Date  First Named Inventor  Art Unit	June 2	3, 2006		
	Total Number of	Pages in This Submissio	n 9	Examiner Name  Attorney Docket Number	51876	P1112		
	Total Hamber of	ENCLOS		ck all that apply)	31870.	11112		
	Extension of Tim  Express Abando  Information Disc  PTO/SB/C  Certified Copy or Document(s)  Response to Mis Incomplete Appli	Form hed esponse il /declaration(s) he Request nment Request losure Statement head f Priority ssing Parts/ cation c Filing Fee	Drawing(s  Licensing-r  Petition  Petition to (Provisional  Power of A Change of  Terminal C  Request for	elated Papers  Convert a Application  ttorney, Revocation Correspondence Address  Disclaimer		ppeal Communication to Board Appeals and Interferences  ppeal Communication to TC  ppeal Notice, Brief, Reply Brief)  roprietary Information  status Letter  ther Enclosure(s)  please identify below):  prior art references; return stcard		
	Declaration/POA  Response to Missing Parts under 37 CFR			•				
	1.52 or 1.5	1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
	Firm or Individual name	Eric S. Hyman,	Reg. No. 30			.LP		
	Signature			7/1				
	Date		(0/3/06					
(		CERTIFI	CATE OF MAIL	ING/TRANSMISSION	, ,			
				e United States Postal Senoner for Patents, P.O. Box		date shown below with sufficier andria, VA 22313-1450.		
	Typed or printed na	ame Vi Hoang						
l l	Signature		///		Date	10/4/66		

Based on PTO/SB/21 (09-04) as modified by Blakely, Solokoff, Taylor & Zafman (wtr.) 11/30/2005. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Reoeißt dage:	10/06/2006
OCT U 6 2006 (%)	

FOR FY 2005	Complete if Known		
TANSIVII I AL	Application Number	10/584419	
for FY 2005	Filing Date	June 23, 2006	
Patent fees are subject to annual revision.	First Named Inventor	Hyun Lee	
Applicant claims small entity status. See 37 CFR 1.27.	Examiner Name		
	Art Unit		
TOTAL AMOUNT OF PAYMENT (\$)	Attorney Docket No.	51876P1112	

		-	<u> </u>	Automey booket No.   51870F1112						
METHOD OF PAYMENT (check all that apply)										
Check Credit card Money Order None Other (please identify):										
Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP										
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below  Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.										
FEE CALCULATION										
Large Entity Small Entity										
Fee	Fee	Fee	Fee	Fee Description	Fee Paid					
Code	(\$)	Code	(\$)	7 00 Doddiphon	i ee i alu					
1051	130	2051	65	Surcharge - late filing fee or oath						
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.						
2053	130	2053	130	Non-English specification						
1251	120	2251	60	Extension for reply within first month						
1252	450	2252	225	Extension for reply within second month						
1253	1,020	2253	510	Extension for reply within third month						
1254	1,590	2254	795	Extension for reply within fourth month						
1255	2,160	2255		Extension for reply within fifth month						
1401	500	2401	250	Notice of Appeal						
1402	500	2402	250	Filing a brief in support of an appeal						
1403	1,000	2403		Request for oral hearing						
1451	1,510	2451		Petition to institute a public use proceeding						
1460	130	2460		Petitions to the Commissioner						
1807	50	1807		Processing fee under 37 CFR 1.17(q)						
1806	180	1806	180	Submission of Information Disclosure Stmt						
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))						
1810	790	2810		For each additional invention to be examined (37 CFR § 1.129(b))						
Other fo	ı ee (spe	cify)								
	(-F-	• • • • • • • • • • • • • • • • • • • •		SUBTOTAL (2) (\$)						
	303131112 (2) (**)									

SUBMITTED BY Complete (if applicable)								
Name (Print/Type)	Eric S. Hyman	1	Registration No. (Attorney/Agent)	30,139	Telephone	(310) 207-3800		
Signature		9/1			Date	1013/66		

Based on PTO/SB/17 (12-04) as modified by Blakely, Solokoff, Taylor & Zafman (Vr.) 12/15/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Receipt date: 10/06/2006

Docket No.: 51876P1112

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in Respection of:

HYUN LEE, ET AL.

Application No.: 10/584419

Filed: June 23, 2006

For: apparatus and method for transforming a

digital tv broadcasting signal to a digital

radio broadcasting signal

Art Group:

Examiner:

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Receipt date: 10/06/2006

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

		Respectfully submitted,
Date:	10/3/92	Blakely, Sokoloff, Taylor & Zafman LLP
		Eric S. Hyman, Reg. No. 30,139

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (310) 207-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vi Hoang Date

Receipt date:	10/06/2006
OCT 0 6 Jung R	

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known					
Application Number	10/584419				
Filing Date	June 23, 2006				
First Named Inventor	Hyun Lee				
Art Unit					
Examiner Name					
Attorney Docket Number	51876P1112				

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		US-6,249,514 B1	06-19-2001	Campanella				
		US-6,266,813 B1	07-24-2001	Ihara				
		US-2003/0081686 A1	05-01-2003	Jung et al.				
		US-						
		US-						
		US-						
		US-						
		US-			•			
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-	•					
		US-						
		US-						
		US-						
1		US-						

Examiner Initials*	Cite No.¹	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
		KR 2001-0064229	07-09-2001	Korea Electronics & amp		Abs
		KR 2003-0071075	09-03-2003	LG Electronics Inc.		4
		JP 2002-335173	11-22-2002	Sony Corp.		1
		JP 2002-344337	11-29-2002	Sony Corp.		A
_						
_						
				,		

Examiner	Date	
Signature	 Considered	

Examiner, Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003.

e fot aggre: 10/06/2006

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Sheet** 2 of

2

Complete if Known					
Application Number	10/584419				
Filing Date	June 23, 2006				
First Named Inventor	Hyun Lee	-			
Art Unit					
Examiner Name					
Attorney Docket Number	51876P1112				

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
		"A DAB Transmitter Prototype with High Flexibility and Low Cost" by CHUNSHENG LIU et al.; <i>IEEE TRANSACTIONS ON BROADCASTING</i> ; September 2002; Vol. 48 No. 3			
-					
_					

Examiner	<del></del>	Date		
Signature	/Michael Lee/	Considered	01/16/2010	

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003. Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.